

PROPOSED

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15-xxxE CAB
File No. 0242

Mr. Dennis McCarthy
Crusher Superintendent
Goodfellow Brothers, Inc.
P. O. Box 220
Kihei, Hawaii 96753

Dear Mr. McCarthy:

**SUBJECT: Amendment to Temporary Covered Source Permit (CSP) No. 0242-01-CT
Application for Minor Modification No. 0242-17
Goodfellow Brothers, Inc.
780 TPH Stone Processing Plant with One (1) MW/1.36 MW Diesel Engine
Generator and 400 TPH Mobile Stone Processing Plant with Integral
Diesel Engines
Located At: Various Temporary Sites, State of Hawaii
Date of Expiration: December 22, 2016**

In accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1, and pursuant to your application for a minor modification received on August 28, 2015, the Department of Health hereby amends Temporary Covered Source Permit No. 0242-01-CT, issued to Goodfellow Brothers, Inc., on November 21, 2014, and amended on May 6, 2015. The amendment updates the equipment list and consists of the following (additions are underlined):

- 1) Revise Attachment II, Special Condition No. A.1:
 - a. 780 TPH Jaw Crusher, Nordberg model no. C140B, serial no. 34395: equipment no. K-76;
 - b. 780 TPH Jaw Crusher, Nordberg model no. C140, serial no. 34997: equipment no. K-185;
 - c. 700 TPH Cone Crusher, Nordberg model no. HP400, serial no. 123622: equipment no. K-153;
 - d. 700 TPH Cone Crusher, Raptor model no. XL400, serial no. XL400-0019, with 440 TPH Screen, JCI model no. 6202-32LP, serial no. 5072014: equipment no. K-182;
 - e. 500 TPH Cone Crusher, Omnicone model no. 1560, serial no. 1560-253, with 440 TPH Screen, JCI model no. 6202-32LP, serial no. 122928: equipment no. K-26;
 - f. 500 TPH Cone Crusher, Omnicone model no. 1560, serial no. 304-300034: equipment no. K-130;

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- g. 500 TPH Cone Crusher, Omnicone model no. 1560, serial no. 1560-175-SA, with 440 TPH Screen, JCI model no. 6202-32LP, serial no. 5072007: equipment no. K-187;
- h. 400 TPH Screen Trailer, JCI model no. 6203-32LP, serial no. P060378: equipment no. K-165;
- i. One (1) MW Diesel Engine Generator, Gen Set model no. 3512, serial no. 24Z08717, with a minimum stack height of seventeen (17) feet: equipment no. LP-130;
- j. One (1) MW Diesel Engine Generator, Gen Set model no. 3512, serial no. 24Z08458, with a minimum stack height of seventeen (17) feet: equipment no. LP-121;
- k. 1.36 MW Diesel Engine Generator, Caterpillar model no. XQ1500, serial no. BNR00315, with Caterpillar diesel engine, model no. 3512, serial no. 1GZ-02594, manufactured on April 29, 2005, with a stack height of 15.9 feet: equipment no. LP-140;
- l. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 72839, with 300 hp Caterpillar diesel engine, model no. C-9 DITA, serial no. CLJ07329: equipment no. K-150;
- m. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 73316, with 300 hp Caterpillar diesel engine, model no. C-9 DITA, serial no. MBD00692: equipment no. K-164;
- n. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT106, serial no. 77293, with 300 hp Caterpillar diesel engine, model no. C-9.3, serial no. TBD: equipment no. K-228;
- o. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT106, serial no. TBD, with 300 hp Caterpillar diesel engine, model no. C-9.3, serial no. TBD: equipment no. K-229;
- p. 450 TPH Mobile Cone Crusher, Nordberg model no. LT300HP, serial no. 73549, with 525 hp Caterpillar diesel engine, model no. C-15 DITA, serial no. JRE02480: equipment no. K-184;
- q. 450 TPH Mobile Cone Crusher, Nordberg model no. LT300HP, serial no. 74093, with 525 hp Caterpillar diesel engine, model no. C-15 DITA, serial no. JRE05064: equipment no. K-204;
- r. 661 TPH Mobile Screen, Powerscreen model no. Chieftain 2100, serial no. 12401468, with exempt 100 hp Deutz diesel engine model no. BF4M2012, serial no. 10167853: equipment no. K-167;
- s. 661 TPH Mobile Screen, Powerscreen model no. Chieftain 2100, serial no. 12402701, with exempt 100 hp Deutz diesel engine model no. BF4M2012, serial no. 10275425: equipment no. K-176;
- t. 881 TPH Mobile Screen, Powerscreen model no. Warrior 2400, serial no. PID00126CDGB11897, with 225 hp Caterpillar diesel engine, model no. C6.6, serial no. 66614805: equipment no. K-210;
- u. 881 TPH Mobile Screen, Powerscreen model no. Warrior 2400, serial no. PID00126ADGC34511, with 202 hp Caterpillar diesel engine, model no. C7.1, serial no. 77000465: equipment no. K-213;
- v. Various conveyors;
- w. Various water sprays;

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- x. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 73599, with 300 hp Caterpillar diesel engine, model no. C-9 DITA, serial no. MBD02002: equipment no. K-183;
 - y. 528 TPH Jaw Crusher, KPI-JCI model no. RS 3055, serial no. 412200: equipment no. K-219;
 - z. 560 TPH Cone Crusher, Cedarapids model no. MVP 380, serial no. TRXR380COKBKO255, with 440 TPH screen, Cedarapids 6x20 3-deck, serial no. TRX6203LDUBF1153: equipment no. K-227;
 - aa. 881 TPH Mobile Screen, Powerscreen model no. Warrior 2400, serial no. P1D00126LDGC65081: equipment no. K-218; and
 - bb. 831 bhp Diesel Engine Generator, Caterpillar model no. C18, engine serial no. EST01188: equipment no. LP-178.
- 2) Revise Attachment II, Special Condition No. C.2:
- a. Non-Mobile/Mobile Stone Processing Plant
 - i. One (1) 780 TPH or smaller primary jaw crusher, equipment nos. K-76, K-185, and K-219;
 - ii. One (1) 500 TPH secondary cone crusher, equipment nos. K-26, K-130, and K-187;
 - iii. One (1) 700 TPH or smaller tertiary cone crusher, equipment nos. K-153, K-182, and K-227;
 - iv. One (1) 450 TPH or smaller mobile tertiary cone crusher, equipment nos. K-184 and K-204;
 - v. One (1) 881 TPH or smaller mobile screen, equipment nos. K-167, K-176, K-210, K-213, and K-218;
 - vi. Three (3) 440 TPH or smaller screens, equipment nos. K-26 (integral with crusher), K-165, K-182 (integral with crusher), K-187 (integral with crusher), and K-227 (integral with crusher);
 - vii. One (1) 1.36 MW or smaller diesel engine generator, equipment nos. LP-121, LP-130, LP-140, and LP-178;
 - viii. Six (6) storage piles; and
 - ix. Various conveyors and stackers.
 - b. Mobile Stone Processing Plant
 - i. Two (2) 400 TPH or smaller mobile primary/secondary jaw crushers, equipment nos. K-150, K-164, K-183, K-228, and K-229;
 - ii. Two (2) 450 TPH or smaller mobile secondary cone crushers, equipment nos. K-184 and K-204;
 - iii. Two (2) 881 TPH or smaller mobile screens, equipment nos. K-167, K-176, K-210, K-213, and K-218;
 - iv. Six (6) storage piles; and
 - v. Various conveyors and stackers.

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3) Revise Attachment II, Special Condition No. C.5:

5. Fugitive Emission Limits

- a. Except as specified in Attachment II, Special Condition No. C.5.b, the permittee shall not cause to be discharged into the atmosphere from any crusher, fugitive emissions which exhibit greater than fifteen (15) percent opacity.
- b. The permittee shall not cause to be discharged into the atmosphere from equipment nos. K-228, K-229, K-219, and K-227, fugitive emissions which exhibit greater than twelve (12) percent opacity.
- c. Except as specified in Attachment II, Special Condition No. C.5.d, the permittee shall not cause to be discharged into the atmosphere from any transfer point on the belt conveyors, screening operation, or from any other affected facility, fugitive emissions which exhibit greater than ten (10) percent opacity.
- d. The permittee shall not cause to be discharged into the atmosphere from equipment nos. K-26, K-210, K-213, K-227, and K-218, fugitive emissions which exhibit greater than seven (7) percent opacity.

4) Revise Attachment II, Special Condition No. F.1.a:

- a. Within **sixty (60) days** after achieving the maximum production rate at which equipment nos. K-228, K-229, K-219, K-227, and K-218 will be operated, but not later than **one hundred eighty (180) days** after initial start-up, and **annually** thereafter, the permittee shall conduct or cause to be conducted performance tests on the crushers and screens to determine the opacity of emissions. Tests shall be conducted for each point subject to an opacity limit.

All other permit conditions of CSP No. 0242-01-CT, issued on November 21, 2014, and amended on May 6, 2015, shall not be affected and shall remain valid.

If you have any questions, please contact Mr. Mark Saewong of the Clean Air Branch at (808) 586-4200.

Sincerely,

STUART YAMADA, P.E., CHIEF
Environmental Management Division

MS:dh

c: Blake Shiigi, EHS – Maui
CAB Monitoring Section